

AMENDMENTS TO THE SPECIFICATION

Please replace the centered heading “SUMMAYR OF THE INVENTION” on page 5 with the following amended heading:

SUMMAYR SUMMARY OF THE INVENTION

Please replace the first full paragraph on page 10 with the following amended paragraph:

Fig. 2 is a cross-sectional view showing the details of the objective lens 200. The objective lens 200 has a first objective lens 201 disposed on the side of the quarter wavelength plate ~~205~~5 and a second objective lens 202 disposed opposite the disk 100 a predetermined distance away from the first objective lens 201. For the refractive index of the objective lens 200, in consideration of the thickness and the refractive index of the transparent protective layer 102 on the disk 100, the shapes and refractive indexes of the first and second objective lenses 201 and 202 are adjusted so that the parallel light may be converged onto the information recording face 103 of the disk 100 without causing any aberration.

Please replace the second full paragraph on page 10 with the following amended paragraph:

The first objective lens 201 is an aspherical convex lens having a convex portion formed on the side of the quarter wavelength plate ~~205~~5. The laser beam B that is parallel light incident upon the first objective lens 201 is refracted at an interface between the surface of the convex portion for the first objective lens 201 and the air to be converted into convergent light, and then refracted again at an interface between the side surface of the disk 100 for the first objective lens 201 and the air to go out of the first objective lens 201.

Please replace the third full paragraph on page 16 with the following amended paragraph:

The objective lens 210 has a first objective lens 211 disposed on the side of the quarter wavelength plate ~~205~~5 and a second objective lens 212 disposed opposite the disk 100 a predetermined distance away from the first objective lens 211. For the refractive index of the objective lens 210, in consideration of the thickness and the refractive index of the transparent protective layer 102 on the disk 100, the shapes and refractive indexes of the first objective lenses 211 and a second objective lens 212 are adjusted so that the parallel light may be converged onto the information recording face 103 of the disk 100 without causing any aberration.

Please replace the paragraph beginning at the bottom of page 16 and ending on page 17 with the following amended paragraph:

The first objective lens 211 includes a convex lens 213, two sheets of glass plates 214, 216, and a liquid crystal part 215 that is a refractive index variable member. The convex lens 213 is the lens formed with a convex portion on the side of the quarter wavelength plate ~~205~~5, and a plane orthogonal to the optical axis on the side of the optical disk 100. On the plane of the convex lens 213 on the side of the optical disk 100, the glass plate 214, the liquid crystal part 215 as the refractive index variable member and the glass plate 216 are arranged in this order. The laser beam B that is parallel light incident upon the first objective lens 211 is refracted at an interface between the surface of the convex portion for the convex lens 213 and the air to be

emergent via the glass plate 214, the liquid crystal part 215 and the glass plate 216 on the side of the second objective lens 212.

Please replace the second full paragraph on page 19 with the following amended paragraph:

The objective lens 220 includes a convex lens 221, a concave lens 222, two sheets of glass plates 223, 225, and a liquid crystal part 224 that is a refractive index variable member. The convex lens 223 is the lens formed with a convex portion on the side of the quarter wavelength plate ~~2055~~, and a plane orthogonal to the optical axis on the side of the optical disk 100. On the plane of the convex lens 223 on the side of the optical disk 100, the glass plate 223, the liquid crystal part 224 as the refractive index variable member and the glass plate 225 are arranged in this order. The concave lens 222 is bonded with the glass plate 225 on the side of the disk 100.